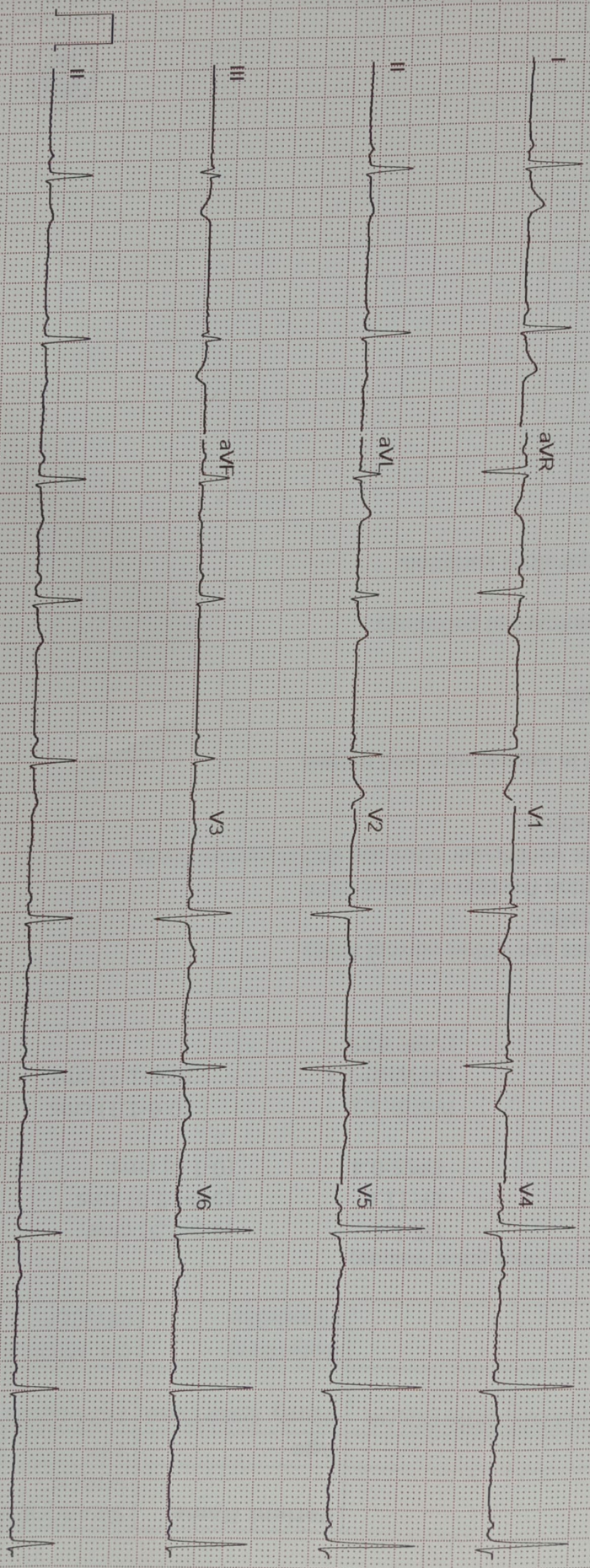


QRS 86 ms
QT / QTcBaz 410 / 405 ms
PR 138 ms
P 90 ms
RR / PP 1020 / 1016 ms
P / QRS / T 24 / 33 / -7 degrees

✓ Sinus bradycardia with sinus arrhythmia
✓ Nonspecific T wave abnormality
Abnormal ECG

MS

Ref. Dr. MO
Bed No. H/C
REPORT DR.



GE MAC2000 1.1 12SL™ V241

25 mm/s 10 mm/mV

ADS 0.56-20 Hz 50 Hz

4x2.5x3_25_R1

Dr. M. S. Soren
Discontinued
1/1

THE CALCUTTA MEDICAL RESEARCH INSTITUTE
7/2 DH ROAD
KOLKATA

Station
Telephone:

EXERCISE STRESS TEST REPORT

Patient Name: SOREN, MR. SWAROOP RANJAN
Patient ID: C0000508370
Height: 173 cm
Weight: 87.4 kg

DOB: 15.10.1981
Age: 42yrs
Gender: Male
Race: Indian

Study Date: 26.02.2024
Test Type: Treadmill Stress Test
Protocol: BRUCE

Referring Physician: DR. M.O
Attending Physician: DR. B. BHATTACHARJEE
Technician: S.BERA

Medications:
--

Medical History:
HEALTH CHECK

Reason for Exercise Test:
Screening for CAD

Interpretation

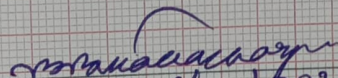
Summary: Resting ECG: Significant ST-T depression in lead II, III, aVF & chest lea.
Functional Capacity: normal.
HR Response to Exercise: appropriate.
BP Response to Exercise: normal resting BP - appropriate response.
Chest Pain: none.
Arrhythmias: none.
ST Changes: Depression downsloping.
Overall impression: Positive stress test suggestive of ischemia.

The patient exercised according to the BRUCE for 6:17 min:s, achieving a work level of Max. METS: 7.80. The resting heart rate of 74 bpm rose to a maximal heart rate of 179 bpm. This value represents 100 % of the maximal, age-predicted heart rate. The resting blood pressure of 130/80 mmHg, rose to a maximum blood pressure of 170/90 mmHg. The exercise test was stopped due to Target heart rate achieved.

Conclusions

TMT is suggestive of provokable myocardial ischaemia.

Physician


26/02/2024

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3202247069	Reported On	26/02/2024 13:48
Collected On	26/02/2024 09:42	Ward & Bed No	
Received On	26/02/2024 10:10		

BIOCHEMISTRY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
Hb A1c Glycosylated Haemoglobin (HPLC method)	5.4	%	Poor Controlled >8.0 % Well Controlled >7.0 % Non Diabetic <6.0 %	

Note :

---- End of Report ----


Dr. Susruta Sen
 MD, DNB (Biochemistry)
 Lab Director

Dr. Sumit Ghosh
 MD (Pathology)
 Consultant Pathologist

Dr. Minakshi Karmakar
 MD (Pathology)
 Consultant Pathologist

Dr. Ashik Mullik
 MD (Pathology)
 Senior Resident Pathology

Dr. Saikat Pal
 DNB (Microbiology)
 Senior Resident Microbiology

Dr. Nivedita Bhattacharjee
 MD (Microbiology)
 Jr. Consultant Microbiologist

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3502241412	Reported On	26/02/2024 15:54
Collected On	26/02/2024 11:38	Ward & Bed No	
Received On	26/02/2024 11:58		

CLINICAL PATHOLOGY

Sample Type Stool

Parameter	Result	Units	Biological Reference Interval	Flag
STOOL ROUTINE <i>(Physical, Chemical and Microscopic study)</i>				
PHYSICAL	-		-	
APPEARANCE	SEMI SOLID		-	
COLOUR	BROWNISH		-	
ODOUR	FECULENT		-	
Mucus	PRESENT		-	
Blood	NOT DETECTED		-	
Parasites (if found)	NOT FOUND		-	
CHEMICAL	-		-	
REACTION / PH	-		-	
MICROSCOPICAL	-		-	
R B C	NIL		-	
W B C	0-2/HPF		-	
Epithelial Cells	NIL		-	
Macrophages	NIL		-	
CRYSTALS	NIL		-	
Undigested food particles	PRESENT		-	
Fat Droplets	NIL		-	
Vegetables Cells/ Fibres	PRESENT		-	
Starch	NIL		-	
Parasite	NOT FOUND		-	

Note :

---- End of Report ----

Dr. Susruta Sen
MD, DNB (Biochemistry)
Lab Director

Dr. Sumit Ghosh
MD (Pathology)
Consultant Pathologist

Dr. Minakshi Karmakar
MD (Pathology)
Consultant Pathologist

Dr. Saikat Pal
DNB (Microbiology)
Senior Resident Microbiology

Dr. Nivedita Bhattacharjee
MD (Microbiology)
Jr. Consultant Microbiologist

Ashik Mullik
Dr. Ashik Mullik
MD (Pathology)
Senior Resident Pathology

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM26022400071	Reported On	26/02/2024 14:26
Collected On	26/02/2024 09:42	Ward & Bed No	
Received On	26/02/2024 10:10		

HEMATOLOGY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
COMPLETE HAEMOGRAM / C.B.C				
Haemoglobin <i>((Electronic Impedance))</i>	12.7	gm/dL	12.0-17.0	
R B C - Total <i>(Electronic Impedance/Microscopy)</i>	5.26	10 ⁶ / mL	3.8-5.5	
TOTAL WBC COUNT <i>(Electronic Impedance)</i>	5400.0	/Cumm	4000.0-10000.0	
NEUTROPHILS <i>(Electronic Impedance/Microscopy)</i>	64	%	40.0-75.0	
EOSINOPHILS <i>(Electronic Impedance/Microscopy)</i>	03	%	1.0-6.0	
BASOPHILS <i>(Electronic Impedance/Microscopy)</i>	00		-	
LYMPHOCYTES <i>(Electronic Impedance/Microscopy)</i>	32	%	20.0-40.0	
MONOCYTES <i>(Electronic Impedance/Microscopy)</i>	01	%	2.0-10.0	Low
OTHER <i>(Electronic Impedance / Microscopy)</i>	00		-	
E S R (Method - Westergren) <i>(Westergren Method)</i>	10		-	
RDW <i>(Calculated)</i>	14.2	%	11.0-14.5	
M C H <i>(Calculated)</i>	24.2	pg/mL	27.0-32.0	Low
M C H C <i>(Calculated)</i>	31.4	gm/dL	31.5-34.5	Low
M C V <i>(Electronic Impedance)</i>	77	fL	83.0-101.0	Low
P C V <i>(Calculated)</i>	40.6	%	37.0-47.0	
Peripheral Blood Smear (Morphology) <i>(Leishman Stain & Microscopy)</i>	RBC: Normochromic normocytic to few microcytic hypochromic. WBC: Normal morphology. Platelet: Adequate.		-	
Platelet Count <i>(Electronic Impedance /Microscopy)</i>	150	10 ³ /μL	150.0-450.0	

Note :

---- End of Report ----

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM26022400071	Reported On	26/02/2024 14:26
Collected On	26/02/2024 09:42	Ward & Bed No	
Received On	26/02/2024 10:10		

HEMATOLOGY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
-----------	--------	-------	-------------------------------	------

Dr. Susruta Sen
MD, DNB (Biochemistry)
Lab Director

Dr. Sumit Ghosh
MD (Pathology)
Sr. Consultant Pathologist


Dr. Minakshi Karmakar
MD (Pathology)
Consultant Pathologist

Dr. Ashik Mullik
MD (Pathology)
Senior Resident Pathology

Dr. Saikat Pal
DNB (Microbiology)
Senior Resident Microbiology

Dr. Nivedita Bhattacharjee
MD (Microbiology)
Jr. Consultant Microbiologist

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3202247070	Reported On	26/02/2024 12:36
Collected On	26/02/2024 09:42	Ward & Bed No	
Received On	26/02/2024 10:10		

BIOCHEMISTRY

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar F (Blood) (Hexokinase)	103.0	mg/dL	74.0-106.0	

Note :

---- End of Report ----


Dr. Susruta Sen
 MD, DNB (Biochemistry)
 Lab Director

Dr. Sumit Ghosh
 MD (Pathology)
 Consultant Pathologist

Dr. Minakshi Karmakar
 MD (Pathology)
 Consultant Pathologist

Dr. Ashik Mullik
 MD (Pathology)
 Senior Resident Pathology

Dr. Saikat Pal
 DNB (Microbiology)
 Senior Resident Microbiology

Dr. Nivedita Bhattacharjee
 MD (Microbiology)
 Jr. Consultant Microbiologist

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3202247147	Reported On	26/02/2024 15:41
Collected On	26/02/2024 13:00	Ward & Bed No	
Received On	26/02/2024 13:26		

BIOCHEMISTRY

Sample Type Plasma

Parameter	Result	Units	Biological Reference Interval	Flag
Sugar P P (Blood) (Hexokinase)	136.0	mg/dL	70.0-140.0	

Note :

---- End of Report ----


Dr. Susruta Sen
 MD, DNB (Biochemistry)
 Lab Director

Dr. Ashik Mullik
 MD (Pathology)
 Senior Resident Pathology

Dr. Sumit Ghosh
 MD (Pathology)
 Consultant Pathologist

Dr. Saikat Pal
 DNB (Microbiology)
 Senior Resident Microbiology

Dr. Minakshi Karmakar
 MD (Pathology)
 Consultant Pathologist

Dr. Nivedita Bhattacharjee
 MD (Microbiology)
 Jr. Consultant Microbiologist

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3202247068	Reported On	26/02/2024 13:32
Collected On	26/02/2024 09:42	Ward & Bed No	
Received On	26/02/2024 10:10		

BIOCHEMISTRY

Sample Type Serum

Parameter	Result	Units	Biological Reference Interval	Flag
Creatinine (Serum) <i>(Modified Jaffe Kinetic Method)</i>	1.17	mg/dL	0.7-1.3	
LIPID PROFILE				
Cholesterol Total <i>(CHOD PAP)</i>	151.0	mg/dL	125.0-200.0	
Triglycerides <i>(Enzymatic (with peroxidase))</i>	109.0	mg/dL	0.0-150.0	
HDL Cholesterol <i>(Direct measure, Immuno inhibition)</i>	39.0	mg/dL	30.0-50.0	
LDL Cholesterol <i>(Calculated)</i>	90.0	mg/dL	0.0-100.0	
VLDL Cholesterol <i>(Calculated)</i>	22.0	mg/dL	10.0-30.0	
LIVER FUNCTION TEST				
Bilirubin Total <i>(Jendrassik DPD)</i>	1.3	mg/dL	0.2-1.0	High
Bilirubin Direct <i>(Jendrassik DPD)</i>	0.4	mg/dL	0.1-1.2	
A L P <i>(IFCC With AMP)</i>	96.0	U/L	46.0-116.0	
S G O T <i>(IFCC With P5P)</i>	19.0	U/L	15.0-37.0	
S G P T <i>(IFCC With P5P)</i>	23.0	U/L	16.0-63.0	
G.G.T. <i>(IFCC GCNA)</i>	19.0	U/L	15.0-85.0	
Protein Total <i>(Biuret (Pyrogallol red Molybdate))</i>	7.34	gm/dL	6.3-8.2	
Albumin <i>(Bromocresol Purple)</i>	4.75	g/dL	3.5-5.0	
Globulin <i>(Calculated)</i>	2.59	gm/dL	1.8-3.6	
A : G <i>(Calculated)</i>	1.83	N/A	-	
P S A - SERUM <i>(ECLIA)</i>	0.93	ng/mL	40 - 50 YEARS -- 1.4 ng/mL, 50 ~ 60 YEARS -- 2.0 ng/mL, 60 - 70 YEARS -- 4.1 ng/mL, 70 ~ 100 YEARS -- 4.4 ng/mL,	
PROTEIN TOTAL				
Protein Total (Method - Biuret)	7.34	gm/dL	6.3-8.2	
Albumin (Method - BCG Dye Binding)	4.75	g/dL	3.5-5.0	
Globulin (Method -Derived)	2.59	gm/dL	1.8-3.6	
A : G	1.83		-	
T3 T4 TSH				
T3 <i>(ECLIA)</i>	1.26		0.8-2.0 ng/mL	

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3202247068	Reported On	26/02/2024 13:32
Collected On	26/02/2024 09:42	Ward & Bed No	
Received On	26/02/2024 10:10		

BIOCHEMISTRY

Sample Type Serum

Parameter	Result	Units	Biological Reference Interval	Flag
T3 T4 TSH				
T4 (ECLIA)	8.89		5.1-14.1 µg/dL	
TSH (3rd Generation) (ECLIA)	2.60		0.27-4.2 µIU/mL	
URIC ACID (Uricase Method)	7.1	mg/dL	3.5-8.5	
Urea (Blood) (Urease method)	18.0	mg/dL	15.0-38.66	

Note :

---- End of Report ----

Dr. Susmita Sen
MD, DNB (Biochemistry)
Lab Director

Dr. Ashik Mullik
MD (Pathology)
Senior Resident Pathology

Dr. Sumit Ghosh
MD (Pathology)
Consultant Pathologist

Dr. Saikat Pal
DNB (Microbiology)
Senior Resident Microbiology

Dr. Minakshi Karmakar
MD (Pathology)
Consultant Pathologist

Dr. Nivedita Bhattacharjee
MD (Microbiology)
Jr. Consultant Microbiologist

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	3502241413	Reported On	26/02/2024 17:31
Collected On	26/02/2024 11:38	Ward & Bed No	
Received On	26/02/2024 11:58		

CLINICAL PATHOLOGY

Sample Type Urine

Parameter	Result	Units	Biological Reference Interval	Flag
URINE ROUTINE (Physical, Chemical and Microscopic study)				
Quantity	35ML		-	
Colour	PALE STRAW		-	
Appearance	CLEAR		-	
Deposit	NIL		-	
Specific Gravity	1.005	--	1.003-1.033	
Albumin	NIL		-	
REACTION/ph	5.5	--	5.0-7.5	
Sugar	NIL		-	
Ketone Bodies	NIL		-	
Bilirubin	NIL		-	
Bile Salts	NIL		-	
Urobilinogen	NORMAL		-	
Chyle	-		-	
Blood	NIL		-	
RBC	NIL		-	
W B C	2-3/HPF		-	
Casts	NIL		-	
Crystals	NIL		-	
Macrophages	NIL		-	
Epithelial Cells	NIL		-	
Fat Droplets	NIL		-	
Parasite	NOT FOUND		-	

Note :

---- End of Report ----

Dr. Susruta Sen
MD, DNB (Biochemistry)
Lab Director

Dr. Sumit Ghosh
MD (Pathology)
Consultant Pathologist

Dr. Minakshi Karmakar
MD (Pathology)
Consultant Pathologist

Dr. Saikat Pal
DNB (Microbiology)
Senior Resident Microbiology

Dr. Nivedita Bhattacharjee
MD (Microbiology)
Jr. Consultant Microbiologist

Ashik Mullik
Dr. Ashik Mullik
MD (Pathology)
Senior Resident Pathology

DEPARTMENT OF PATHOLOGY ALLIED SERVICES

MRNO	C0000508370	IP No.	OP-001
Name	Mr SWAROOP RANJAN SOREN	Age / Gender	43 Years 0 Months 9 Days / MALE
Doctor	DR. MEDICAL OFFICER	Doctor's Speciality	MEDICAL OFFICER
Sample No	HEM26022400072	Reported On	26/02/2024 12:25
Collected On	26/02/2024 09:43	Ward & Bed No	
Received On	26/02/2024 10:10		

HEMATOLOGY

Sample Type Whole Blood

Parameter	Result	Units	Biological Reference Interval	Flag
BLOOD Group RH (Anti D) (Gel Agglutination (Forward & Reverse))	“ O ” POSITIVE		-	

Note :

---- End of Report ----

Dr. Susruta Sen
MD, DNB (Biochemistry)
Lab Director

Dr. Sumit Ghosh
MD (Pathology)
Consultant Pathologist

Dr. Minakshi Karmakar
MD (Pathology)
Consultant Pathologist

Dr. Saikat Pal
DNB (Microbiology)
Senior Resident Microbiology

Dr. Nivedita Bhattacharjee
MD (Microbiology)
Jr. Consultant Microbiologist

Ashik Mullik
Dr. Ashik Mullik
MD (Pathology)
Senior Resident Pathology

Patient ID	C0000508370	Patient Name	SWAROOP RANJAN SOREN
Gender	Male	Age	43Y
Procedure Name	USG - WHOLE ABDOMEN	Study DateTime	2024-02-26 10:25:19
Study Type	US	Referring Physician	DR. MEDICAL OFFICER

USG OF WHOLE ABDOMEN

Liver : is normal in size and parenchymal echotexture. PV is 10 mm & CBD is 4 mm. Intrahepatic biliary radicles are not dilated.

Gall bladder : is normal size, contour, outline and position. Wall thickness is normal. No calculus is seen.

Pancreas : is normal in size and parenchymal echogenicity. Pancreatic duct is not dilated.

Spleen : is not enlarged and parenchyma shows normal homogeneous pattern.
Spleen measures 108 mm.

Kidneys : are normal in size, shape, outline, position and parenchymal echogenicity. No evidence of any calculus / mass / hydronephrosis is seen.

Right kidney measures : 90 mm. Left kidney measures : 100 mm.

Urinary bladder : is normal in contour, outline and distension. No vesical lesion is seen. Wall thickness is normal.

Prostate : is normal in size and parenchymal echogenicity.
Size (32 x 25 x 23 mm) and weight 12 gms.

IMPRESSION : Normal study.

However, clinical correlation / relevant investigations are suggested for further evaluation.



Dr. Shilpi Pandey
MBBS, CBET
Sonologist

Patient ID	C0000508370	Patient Name	SWAROOP RANJAN SOREN
Gender	Male	Age	43Y
Procedure Name	2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER	Study DateTime	2024-02-26 14:02:58
Study Type	US	Referring Physician	DR. MEDICAL OFFICER

DIMENSIONS:

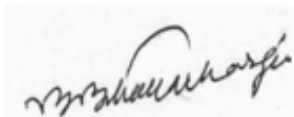
(Figures in the bracket in indicate the normal adult Values)

AoD:2.6	(2.0.-4.0) cms	DE:1.4	(1.5-2.5) cms
AoEX:1.4	(1.2-2.5) cms	EF:11.0	(5.0-15.0) cms
LA:3.5	(2.0-4.0) cms	EPSS:0.4	(0-1.0) cms
LVIDd: 4.6	(3.5-5.6) cms	IVS(d):1.1	(0.6-1.1) cms
LVIDs: 2.8	(2.4-4.2) cms	LVPW(d):1.1	(0.6-1.1) cms
RV (d): 1.4	(0.6-2.3) cms	LVEF: 62%	

FINDINGS:

- Left ventricle shows:
 - The cavity size and wall thickness are within normal limits.
 - No regional wall motion abnormality.
 - Good systolic function with ejection fraction of about: 62%
- Left atrium , right atrium and right ventricular sizes are within normal limits.
Good right ventricular systolic function.
- All four cardiac valves are normal in appearance and motion.
- No pulmonary arterial hypertension.
- No intra-cardiac shunt/mass. No pericardial pathology.
- IVC normal in size with normal respiratory variation.

Please correlate clinically.



Dr. Bikash Bhattacharjee
(MBBS, MD)
REG NO - 37563 (WBMC)

Patient ID	C0000508370	Patient Name	SWAROOP RANJAN SOREN
Gender	Male	Age	43Y
Procedure Name	DX Scan	Study DateTime	2024-02-26 09:57:58
Study Type	DX	Referring Physician	DR. MEDICAL OFFICER

X-RAY - Chest PA view :

Lung fields are clear.
Both hila are normal.
Both costophrenic angles are clear.
Cardiac shadow is within normal limit.

However, clinical correlation / relevant investigations are suggested for more information.



Dr. V. C. Kuruvilla
DMRD, MD
Radiologist
